

## AC Power Adaptor

# AC-V30

### Operating Instructions page 4

Before operating the unit, please read this manual thoroughly and retain it for future reference.

### Owner's Record

The model and serial numbers are located on the bottom of the unit.

Record the serial number in the space provided below.

Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. AC-V30 Serial No. \_\_\_\_\_

### Mode d'emploi page 10

Avant la mise en service de l'appareil, lire attentivement ce mode d'emploi et le conserver pour toute référence future.

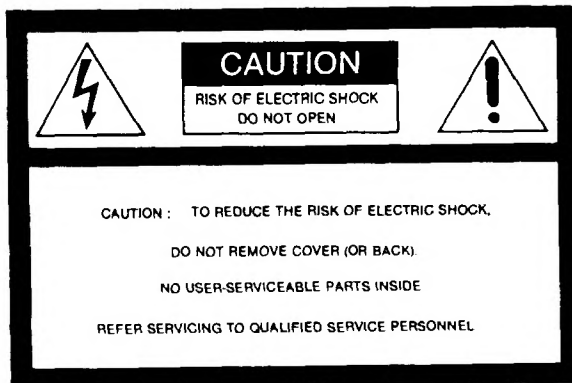
### Manual de instrucciones página 16

Antes de emplear la unidad, lea este manual detenidamente y consérvelo para futuras referencias.

©1988 by Sony Corporation

## WARNING

**To prevent fire or shock hazard, do not expose the unit to rain or moisture.**



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

### INFORMATION

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

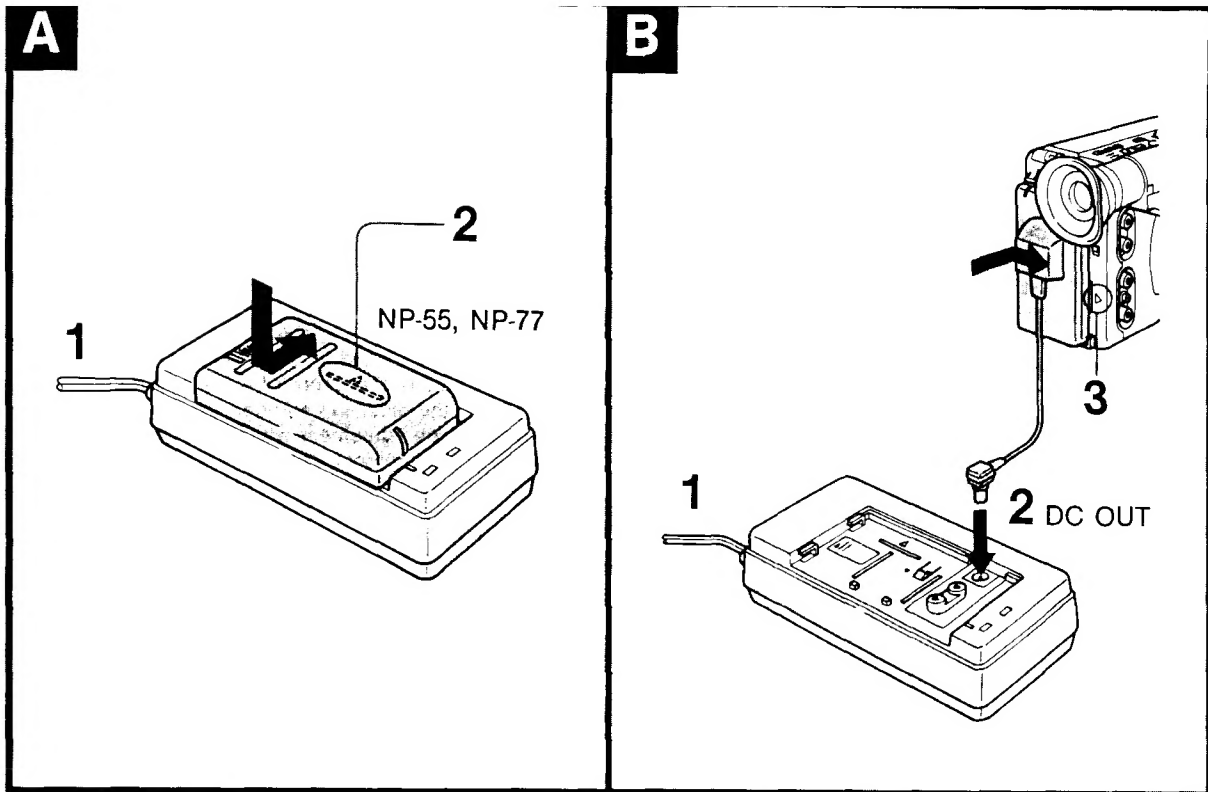
- Reorient the receiving antenna
- Relocate the equipment with respect to the receiver
- Move the equipment away from the receiver
- Plug the equipment into a different outlet so that equipment and receiver are on different branch circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful:

"How to Identify and Resolve Radio-TV Interference Problems". This booklet is available from the U.S. Government Printing Office, Washington, DC 20402, Stock No. 004-000-00345-4.

### For the Customers in Canada

THIS APPARATUS COMPLIES WITH THE CLASS B LIMITS FOR RADIO NOISE EMISSIONS SET OUT IN



3

# English

The AC-V30 AC power adaptor can be used as follows:

- to charge an NP-55 or NP-77 battery pack
- to supply power to the 8 mm video equipment

The AC-V30 comes in two models, differentiated by the shape of the AC power cord plug.

	Shape
Model for USA, Canada	Polarized
Model for other countries	Nonpolarized

The AC-V30 supplies power to a Sony 8 mm video camera recorder or other DC operated Sony 8 mm video equipment.

## CAUTION FOR THE CUSTOMERS IN USA AND CANADA

TO PREVENT ELECTRIC SHOCK, DO NOT USE THE POLARIZED AC PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

# Note on Use

## Charging

- Charge the battery on a flat place without vibration.
- The battery will get hot during charging. But it is normal.

**Do not continuously recharge a charged battery pack as that will cause the battery pack efficiency to deteriorate.**

## Charging temperature

The temperature range for charging is 5°C to 35°C (41°F to 95°F).

However, to provide maximum battery efficiency, the recommended temperature range when charging is 10°C to 30°C (50°F to 86°F).


## Others

- The unit is not disconnected from the AC power source as long as it is connected to the wall outlet.

- One blade of the plug is wider than the other for the purpose of safety and will fit into the power outlet only one way. If you are unable to insert the plug fully into the outlet, contact your dealer.
- Unplug the unit from the wall outlet when not in use. To disconnect the cord (mains lead), pull it out by the plug. Never pull the cord itself.
- Do not operate the unit with a damaged cord or if it has been dropped or damaged.
- Be sure that nothing metallic comes into contact with the metal parts of the supplied connecting cord. If it does, a short may occur and the unit may be damaged.
- Do not disassemble the unit.
- Do not apply mechanical shock or drop the unit.
- While the unit is in use, particularly during charging, keep it away from AM receivers and video equipment because it will disturb AM reception and video operation.
- Always keep the metal contacts clean.
- Do not place the unit in locations where it is;
  - Extremely hot or cold
  - Dusty or dirty
  - Very humid

## To Charge the Battery Pack See illustration A.

The AC-V30 charges a battery pack NP-55 in about one hour, and NP-77 in about two hours.

- 1 Connect the power cord to a wall outlet.
- 2 Install the battery pack.  
Align the  marks, then while pressing the battery pack, slide the battery pack in the direction of the arrow.

The POWER lamp (green) and the CHARGE lamp (orange) will light up. The charging will begin.

When the charging is completed, the CHARGE lamp goes out. Unplug the unit from the wall outlet and the POWER lamp will go out.

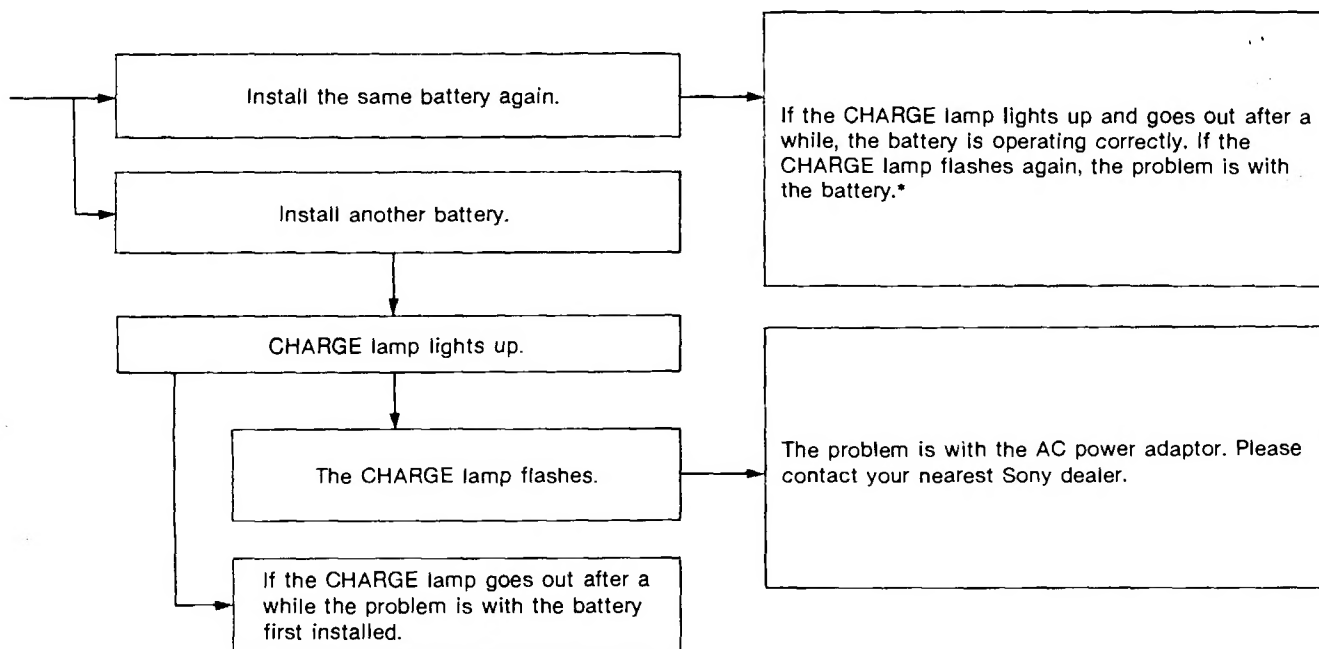
### When the CHARGE Lamp Flashes

Check through the following chart.

Remove the battery pack from the AC power adapter.

\* If you use a battery which you have just bought or which has been left unused for a long time, the CHARGE lamp may flash at the first charging. But this is not a problem. Continue to charge with the same battery.


6



7

# To Operate Video Equipment See illustration B .

Use the supplied connecting cord.

- 1 **Connect the power cord to a wall outlet.**
- 2 **Insert the plug of the connecting cord to the DC OUT jack.**
- 3 **Install the other side of the connecting cord to the video equipment to be used.**  
Align the  marks, then while pressing the battery pack, slide the plate to the right.

## Note

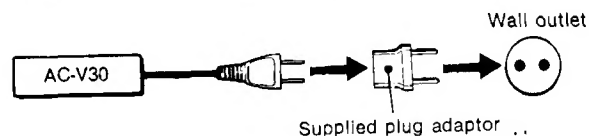
Video equipment cannot be operated during the charging.

8

## Specifications

Power consumption	For the model available in USA and Canada: 20 W For the model available in Japan: 26 VA-37 VA
Power requirements	100-240 V AC*, 50/60 Hz
Output voltage	DC OUT: 7.5 V, 1.6 A in operating mode Battery charge terminal: 10 V, 1.3 A in charge mode
Application	Sony battery pack NP-55 or NP-77
Operating temperature	0°C to 40°C (32°F to 104°F)
Storage temperature	-20°C to 60°C (-4°F to 140°F)
Dimensions	Approx. 67 x 39 x 138 mm (w/h/d) (2 3/4 x 1 1/2 x 5 1/2 inches) including projecting parts and controls
Weight	Approx. 310 g (11 oz)
Supplied accessories	AC Plug adaptor (1)** Connecting cord (1)

Use the supplied AC plug adaptor, if necessary, depending on the design of the wall outlet.



Design and specifications are subject to change without notice.

\* Canadian Standard Association (CSA) certifies 120 V AC only.

\*\* An AC plug adaptor is not supplied with the Canadian model.